

M10 HALF CELL MONO **390W-410W**

108 CELL

MBB MONO PERC

21.01%

MAXIMUM EFFICIENCY

0 to +5W

POSITIVE POWER TOLERANCE



Higher Output of Power



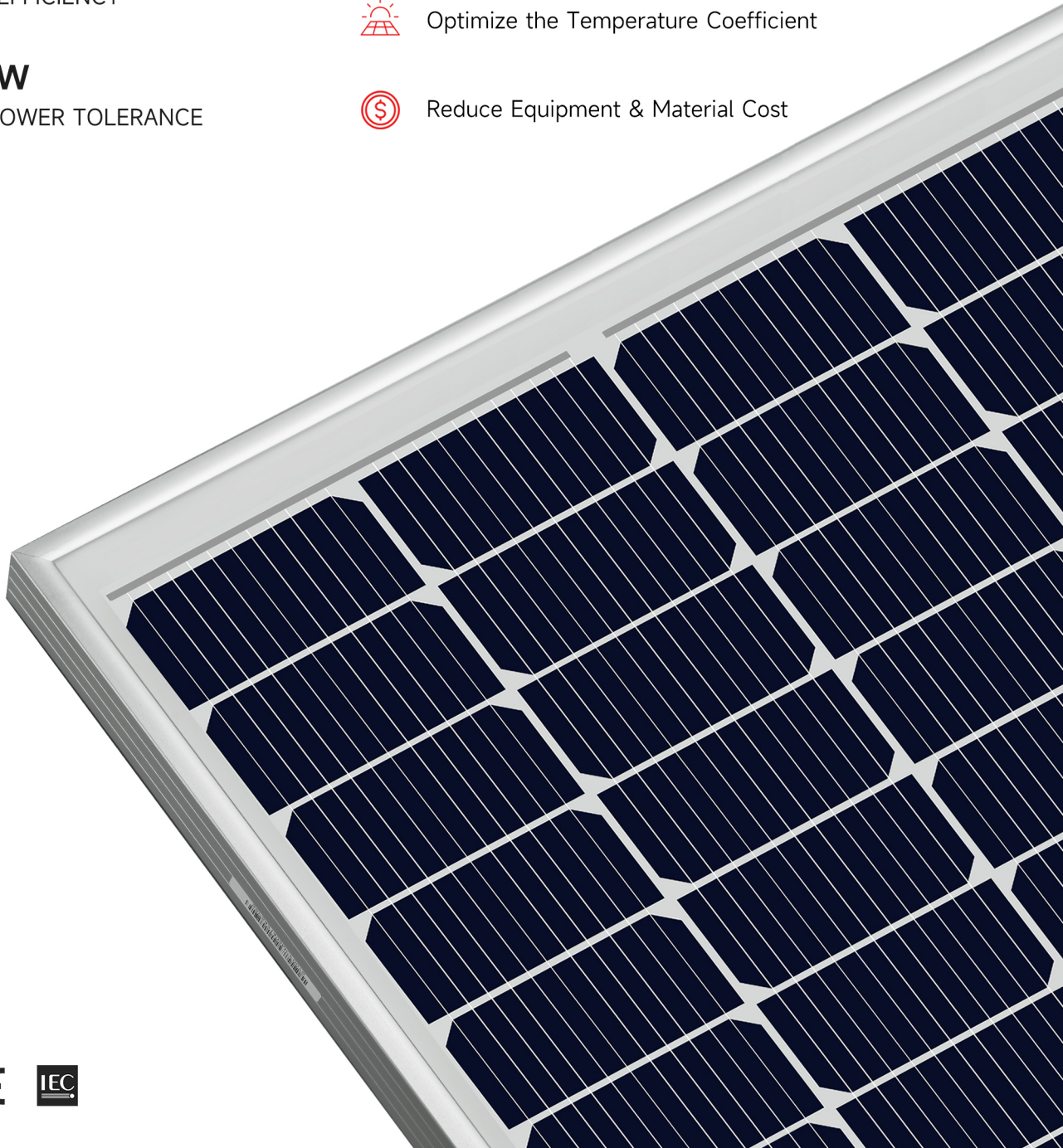
For Environment For Future



Optimize the Temperature Coefficient



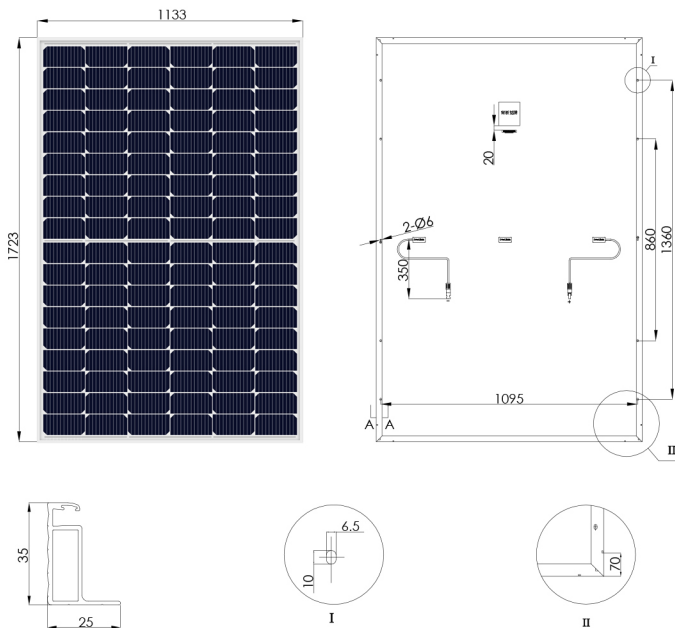
Reduce Equipment & Material Cost



Module Type		PW-54M390HM10		PW-54M395HM10		PW-54M400HM10		PW-54M405HM10		PW-54M410HM10	
		STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Test Environment		STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power	$P_{MAX}(W)$	390	290.25	395	293.97	400	297.69	405	301.41	410	305.13
Maximum Power Voltage	$V_{MPP}(V)$	30.17	28.07	30.36	28.25	30.55	28.42	30.74	28.60	30.93	28.78
Maximum Power Current	$I_{MPP}(A)$	12.93	10.34	13.02	10.41	13.1	10.48	13.12	10.49	13.26	10.60
Open Circuit Voltage	$V_{OC}(V)$	36.55	34.50	36.78	34.72	37.01	34.93	37.24	35.15	37.47	35.37
Short Circuit Current	$I_{SC}(A)$	13.61	10.99	13.70	11.07	13.79	11.13	13.81	11.15	13.96	11.27
Tolerance	(W)	0 - +5		0 - +5		0 - +5		0 - +5		0 - +5	
Module Efficiency	(%)	19.98		20.24		20.5		20.75		21.01	

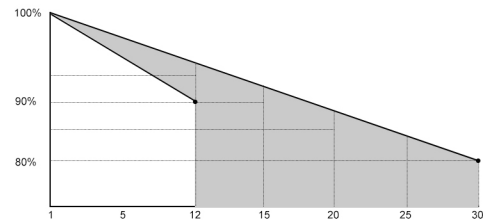
STC: Irradiance 1000 W/m², Cell Temperature 25°C, Air Mass AM1.5 according to EN 60904-3. Average efficiency reduction of 4.5% at 200W/m² according to EN 60904-1
 NOCT: Irradiance at 800 W/m², Ambient Temperature 20°C, Wind Speed 1m/s.

DIMENSIONS OF PV MODULE



LINEAR PERFORMANCE WARRANTY

12 Year Product Warranty 30 Year Linear Power Warranty



TEMPERATURE RATINGS

Nominal Operating Cell Temperature(NOCT)	45±2°C
Temperature Coefficient of P_{MAX}	-0.348%/°C
Temperature Coefficient of V_{OC}	-0.282%/°C
Temperature Coefficient of I_{SC}	+0.05%/°C

MAXIMUM RATING

Operational Temperature	-40 to +85°C
Maximum System Voltage	1500V DC
Max Series Fuse Rating	25A
Mechanical Load	5400pa
Wind Load	2400pa

MECHANICAL DATA

Solar Cells	MBB Mono PERC 182x91mm
Cell Orientation	108 Cells (6 x 18)
Module Dimensions	1723x1133x35mm
Weight	21.5kg
Glass	3.2mm Low-Iron Tempered Suede Glass
Backsheet	White
Frame	Silver Anodized Aluminium Alloy(Black Available)
J-Box	IP 68 Rated
Cables	Photovoltaic Technology Cable 4.0mm ² , 350mm
Connector	EVO2 or EVO2 Compatible
PACKING CONFIGURATION	Modules per Box: 31 Pieces Modules per 40' Container: 720 Pieces

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